SANDAKANIA 4 (1994): 1-29

A Tribute to Benjamin C. Stone, 1933-1994

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Ben Stone, whose full name was Benjamin Clemens Masterman Stone, died from a heart attack on 19th March, 1994, while working in the Philippine National Herbarium at the Philippine National Museum in Manila. Born 26th July, 1933 in Shanghai, China, Ben Stone was to later become one of the world's most eminent tropical botanists, specialising in a number of tropical plant families, and its leading authority on the screwpine family, Pandanaceae.

Shanghai to Hawaii: early leanings towards the tropics

Ben was the only child born to a family based at the time in Shanghai, where his English father was engaged in the civil service. As the Sino-Japanese war became imminent, his mother brought young Ben to California, where they had relatives. Ben went to school in the San Diego area, where they lived. Ben's father, who had been interned in a prisoner's camp in Japan, was reunited with them only after the war.

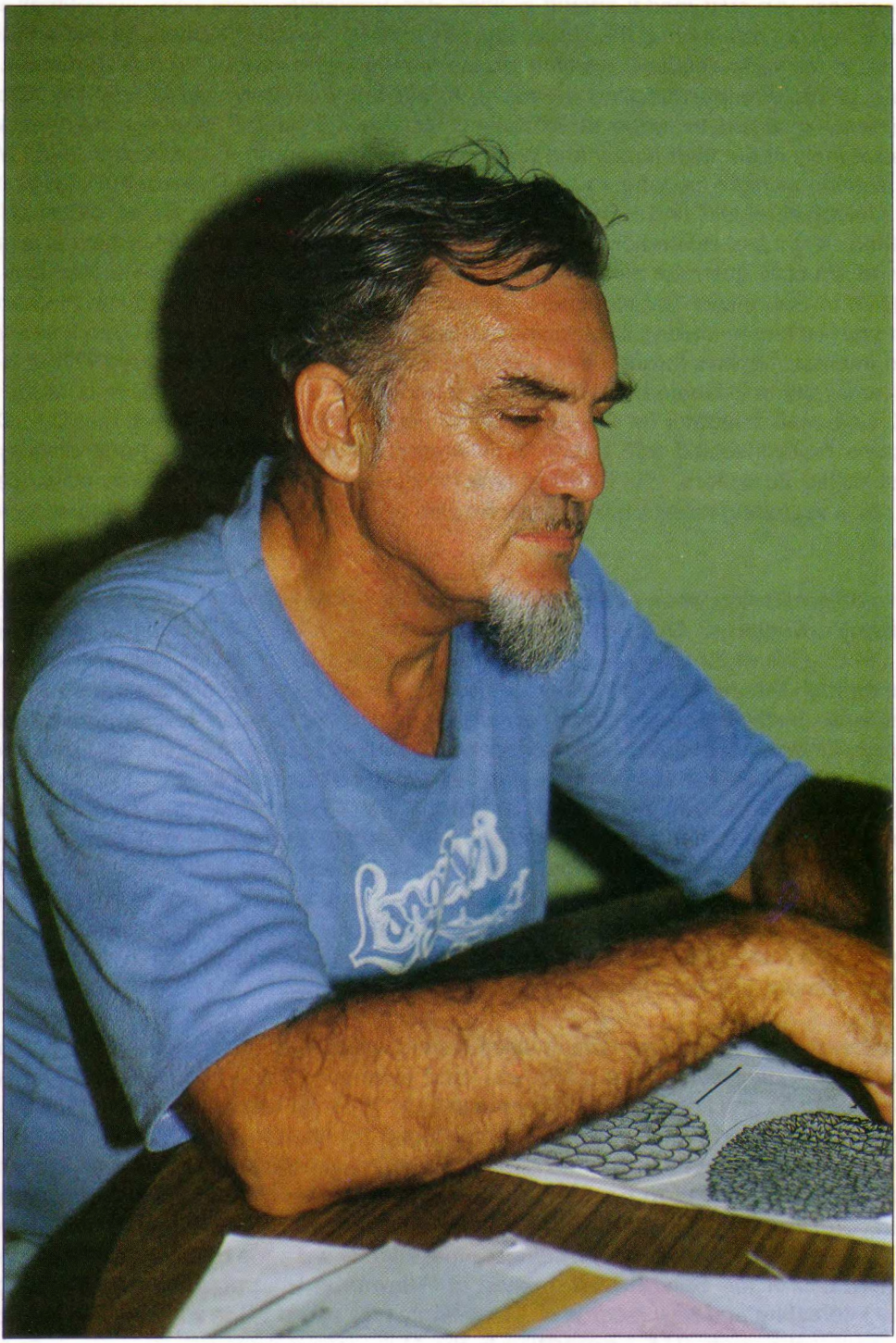
Ben graduated from Pomona College, Claremont, in California with a B.A. (*cum laude*) in botany in 1954, and began his botanical career as a Teaching Assistant at the Washington University in St. Louis, Missouri, during 1954-55. In 1955, he began a research assistantship at the Botany Department, University of Hawaii (where some friends knew him as "Skip" Stone), and there in 1957 began a revision of the genus *Pelea* (Rutaceae) (which later in 1989 he and T.G. Hartley reduced to *Melicope*). Working with Harold St. John, he obtained his Ph.D. in 1960, based on a dissertation on *Pandanus* in the Marshall Islands. Ben credited St. John for introducing him to the rich Hawaiian flora. Having worked with Hawaiian and Pacific plants, and based in a floristically and geologically exciting Hawaii during his early research days, Ben became very inclined towards understanding more about the flora of the Indo-Pacific area.

Guam and Malesia

Ben then spent a year as a Research Assistant at the Museum of Natural History, Smithsonian Institution, in Washington. His interest in the floras of the Polynesian and Micronesian islands found a suitable base when in 1961 he was appointed Assistant Professor of Biology at the College (now University) of Guam in Agana, Guam. Subsequently full Professor at the College, Ben began to work on the flora of Guam, and founded the journal Micronesica in 1964. He was the founding editor and afterwards, from 1969 until his death, a member of the editorial board of Micronesica, which had grown to be the journal of the University of Guam. During his last year there in 1965, he married Michiko Muraoka. In 1965, he joined the University of Malaya, Kuala Lumpur as Reader in the Botany Department, and stayed until 1984. Ben carried with him his interests from the days in Hawaii and Guam, and published his first monograph, of the genus *Pelea*, in 1969. His "Flora of Guam" was published in Micronesica in 1971. But is was largely the flora and plant life of Malesia, that phytogeographic area that includes Indonesia, Malaysia, Papua New Guinea and the Philippines, which had occupied Ben since he moved to Kuala Lumpur in Malaysia.

At the University of Malaya, Ben supervised many students, both undergraduate and post-graduate, who were attracted to study with him by his scholarly and casual style, wit and knowledge. His colleagues and students found his thoughts and ideas inspiring, and indeed many have been spurred on by his example to excel in their chosen fields. An active member of the Malayan Nature Society centred in Kuala Lumpur and someone whom the Museum fraternity felt was a scholarly resource for many subjects, Ben was sometime editor of the Malayan Nature Journal, and botanical editor for the Federation Museums Journal. He was Honorary Curator of Botany at the Malaysian National Museum from 1979 until he left for the United States in 1984. At the same time he served as review editor for a number of journals, including Pacific Science, Economic Botany, Blumea, Nature Malaysiana, The Journal of Japanese Botany, The American Journal of Botany, Biotropica, and the Gardens' Bulletin, Singapore. He was also a Fellow of the Linnean Society of London, a Fellow of the American Association for the Advancement of Science, and member of the Malayan Branch of the Royal Asiatic Society, the Malaysian Forestry Society, the Sabah Society, the Botanical Society of America, the International Association for Plant Taxonomy, and the Torrey Botanical Club. He maintained correspondence with botanists and academics worldwide, and collaborated in botanical research with the Forest Research Institute of Malaysia (1970-1984) and the Department of Forests at Lae in Papua New Guinea (1971). In 1981 he was a Mercer Fellow to the Arnold Arboretum of Harvard University. The journals and books in his immense and valuable personal library, testimony to a scholarly appreciation for books and the documentation of knowledge, were available to students and colleagues alike.

Not a few visitors to his room at the University, and others who have had occasion to spend time with Ben at meal times or in the field, have discovered his talent at weaving together historical, cultural and scientific information into extremely interesting episodes. Some of his associates have learnt of his deep interest in jazz music, and his extensive collection of jazz records and tapes, a leaning developed from younger days. He read music, and colleagues and friends alike enjoyed his flute playing at some evenings and



Benjamin C. Stone, a 1984 picture.

gatherings. An avid model-aircraft builder, Ben frequently spent time, sometimes even after late-night research at the University, assembling the latest models he had acquired. He could tell some fantastic wartime stories related to the various models of aircraft. To some of his aircraft-modelling friends in Kuala Lumpur, Ben was simply "Mr Stone", eminently qualified to judge at exhibitions and model aircraft displays, as they went passionately about their hobby and botany was put temporarily in the background. Many an evening or night, colleagues or students working late in the Department of Botany at the University would find Ben busy at his typewriter, or whistling as he diligently and methodically inked illustrations for his manuscripts. A great admirer of botanical art and, indeed, an able illustrator himself, Ben met an amateur illustrator of insects during a visit in 1976 to Sandakan, Sabah, where he had been consulting the Sandakan Herbarium, and swayed him to making illustrations of the Rutaceae, a family in which Ben had a long-time interest. It was through this urging to illustrate plants seriously in 1977 at Ben's University office in Kuala Lumpur, and his introduction of the meticulous work of the late H.S. Lau, staff illustrator for the University of Hawaii Botany Department, that C.L. Chan became more involved with botanical illustration, eventually becoming one of botany's most skilled illustrators. Yet Ben had time for students and colleagues who would call at his office regarding research problems; he was an accessible mentor to those who knew him.

Ben's determination when collecting material of his favourite plant groups is remembered by many colleagues. Once, in 1972, on his way to a field trip in Peninsular Malaysia in his Old English white sporty M.G., he startled companions by driving from the road edge right through the vegetation of a dry, disused ricefield to a clump of *Pandanus kaida* (the commonly cultivated *mengkuang* screwpine which was much used in mat-making throughout Southeast Asia) that was spotted flowering, as the species has been known in Peninsular Malaysia only through staminate material, and pistillate material was much desired for studies. His students on a field trip with him to some limestone outcrops in Taman Negara in Pahang, Peninsular Malaysia, had watched with anxiety as a somewhat bulky Ben, then, paid little attention to balancing on sharp karst limestone while reaching for a *Pandanus* specimen. At other times, students were amazed that a learned professor could be found, when staff help was scarce, sitting by himself in the herbarium of the University of Malaya Botany Department and diligently mounting and stitching specimens; for Ben, simply, the work had to be done.

His interest in floristics and conservation was developed in very pragmatic ways, as a scientist providing summaries and facts, and advancing knowledge through first-hand ground surveys and knowledgeable syntheses. In 1976, he was consultant botanist to the World Wildlife Fund (WWF, now Worldwide Fund for Nature) expedition to the Danum Valley in Sabah, where a concerted effort by various agencies was in swing to strengthen proposals for the area to be a special conservation site. The following year, he was again consultant botanist on the WWF expedition to Pulau Balambangan off the northern tip of Borneo, which together with several other islands were the botanically little explored northern bits of the Sunda Shelf, related to Palawan in Philippine territory and holding many interesting and new records of exceedingly rare plants. Ben was also on the Royal Geographical Society (U.K.) expedition to the Mulu area in Sarawak in 1978, in its fact-finding mission to help develop conservation management plans for the National Park

there. Quite special to him was the development of the University of Malaya's then fledgling botanical garden, called *Rimba Ilmu* (Malay, meaning "the forest of knowledge"), where Ben encouraged its *ex situ* conservation functions, with himself emphasizing such plants as the wild citruses. He was never obtrusive or demanding in his approach about conservation, but always sought to support, in his capacity as a research botanist with a wide field of experience, those others who have identified themselves as "front-line fighters" in the conservation cause, whether they were from government agencies or represented learned societies. Eloquent a speaker as Ben was, he was all too ready to support colleagues who wanted to make the major arguments for environmental and conservation issues.

The Philippines

From 1984 until 1990, Ben was Chairman of the Department of Botany at the Academy of Natural Sciences of Philadelphia. During this time he had prepared a proposal to collaborate with the Sabah Forestry Department for the completion of the "Trees of Sabah" project, but that encountered difficulties as the department did not then have sufficient botanical personnel to undertake the coordination effectively. In his proposal (dated 1st March, 1985), Ben remarked: "No exact figure can yet be given for the number of species of plants which occur in Sabah, but an estimate of about 10,000 (of vascular plants alone) is certainly not unlikely, and the real total may be greater ... Although the flora of Borneo has been studied for more than a century, and although the floras of Sabah and Sarawak are probably better known than that of Kalimantan, there are numerous, often large and diverse areas which are botanically unknown or little known. The number of as yet undescribed and undiscovered species in Sabah alone is certainly high, perhaps in the order of several hundreds ..."

He returned to Hawaii in 1990, at the urging of his long-time friend and colleague, S.H. Sohmer, as a senior research botanist with the Flora of the Philippines project coordinated at the Bernice P. Bishop Museum in Honolulu, and carried out in collaboration with the Philippine National Herbarium under the charge of Domingo Madulid. The project was in its first phase then, supported by the U.S. National Science Foundation (NSF), the United States Agency for International Development (USAID), and the MacArthur Foundation. In 1993, Ben moved to Fort Worth, Texas, as principal investigator for the Philippine Plant Inventory when the coordination of the Flora project moved to the Botanical Research Institute of Texas there, to begin its second phase, again with NSF support. The urgency of the situation was underscored by increasing evidence gathered by the project that more than 50% of the endemic forest flora of the Philippines may have already become extinct (Sohmer, *in litt.*, 22 March, 1994). In many ways, the dire need to understand the Philippine flora properly in the modern context required the effort and experience of people like Ben.

Travel and field work

Throughout his professional life, Ben continued to travel for field work and herbarium

research, building up through his numerous papers the documentation of the Pandanaceae, Araliaceae, Rutaceae and Myrsinaceae. He collected in Australia, Borneo (Sabah and Sarawak), California, Cambodia, East Africa, Hawaii, Hong Kong, Illinois, India, Java, Kenya, Madagascar, the Malay Peninsula, the Mascarene Islands, Micronesia (the Marianas, Caroline and Marshall Islands), Missouri, Montana, New Caledonia, New Hebrides, Papua New Guinea, the Philippines, Singapore, the Society Islands, the Solomon Islands, Sri Lanka, Switzerland, Tanzania, and Thailand. His collections, numbering more than 18,000, were largely numbered in his own personal series (sometimes marked "BCS") but he had also many collections in the NGF/LAE series (New Guinea) and the SAN series (Sandakan Herbarium, Sabah) (see also Appendix 1 here). These have represented general collections as well as specialised collections of the Pandanaceae and the insular floras of Southeast Asia and the Pacific region. Duplicates of his collections have been principally deposited at the following institutions: San Diego Natural History Museum (California), the Berlin Botanical Museum, University of Guam, Bishop Museum, University of Malaya, the Singapore Botanic Gardens, the Forest Research Centre at Sepilok (Sandakan, Sabah, Malaysia), the Sarawak Forestry Department Herbarium, the Herbarium of the Forest Research Institute Malaysia at Kepong, the Academy of Natural Sciences in Philadelphia, the Rijksherbarium (Leiden), the Royal Botanic Gardens at Kew, the Museum of Natural History in Paris, the University of Aarhus (Risskov, Denmark), the Conservatory and Botanic Gardens in Geneva, the University of Firenze (Italy), the British Museum of Natural History, the University of California at Berkeley, Harvard University Herbaria, the University of Tokyo, the Philippine National Herbarium, the Herbarium Bogoriense (Java, Indonesia), the Queensland Herbarium in Brisbane, the Lae Herbarium (Papua New Guinea), the ORSTOM Herbarium in Noumea (New Caledonia), the Herbarium of the Botanic Gardens at Tzimbazaza (Tananarive, Madagascar), the Missouri Botanical Garden at St. Louis, the U.S. National Herbarium (Washington, DC.), and the Peradeniya Botanic Gardens Herbarium (Sri Lanka).

During the Flora of the Philippines project, Ben was able to collect in many parts of the Philippines, and was particularly enthusiastic about dealing with the Palawan flora again, resuming his interest in the floristic links between northern Borneo (Sabah), Palawan, and the southern Philippines. He was otherwise charged with an urgency to extend the collecting to as many areas of remaining forest as possible, remarking in one instance, "This deforested landscape, routinely burned over and baking in the heat and drought of the 1992 E1 Nino summer, provides a sobering example of habitat degradation. Despite sporadic efforts at reforestation, thousands of hectares of formerly forested terrain in the Philippines now look like this."

The passing of a scholar

In mid-March of 1994, Ben was again in the Philippines during the commencement stage of the second phase of the Philippine Plant Inventory, one of the three components of the Flora of the Philippines Project, and was studying specimens in the Philippine National Herbarium on 19th March, in the afternoon of a Saturday, when he suffered a heart attack. A security guard and one of the staff members who found him were unable to revive him.

Ben lay in state at the Funareria Paz in Quezon City, Metro Manila, until the morning of the 23rd March, and in the afternoon a memorial service for him was held at the Manila Memorial Park. Friends and colleagues in the Philippines who had come to know him well paid emotional tribute to a great botanist and a wonderful friend, as his associates and botanical institutions around the world learnt of his passing. His ashes were returned to Fort Worth, Texas, U.S.A., where a memorial service for a widely admired scholar was held on 4th April, 1994, aptly titled "A Celebration of the Life of Benjamin C. Stone", in view of how much this man loved life all around him, and how he so significantly contributed to it.

It is well to recall Sohmer's tribute to Ben Stone, when he said (Sohmer, *in litt.*, 6 April 1994), " ... I had never met anyone who had less interest in material possessions and trappings, or who had as high a degree of scientific knowledge, moral integrity, and intellectual curiosity. He was a delightful mixture of wisdom and innocence that defied description ... Perhaps one of his most endearing traits was an eagerness to impart his knowledge of botany to others." This scholarly figure of tropical botany, who has authored, co-authored or edited more than 300 books and papers (see "The Writings of B.C. Stone" in Appendix 2 at the end of this tribute), may have gone, but the legacy of his example will live on. Ben witfully opened his summary address to Botany students at the University of Malaya in 1978, at the conclusion of their research seminar series, with the analogy that "science is like a layered cake", in fact warning that much of botanical science is built upon time-consuming and painstaking research, moving from phase to phase, the culmination of which depends on a strong and massive base. In retrospect, Ben has certainly, in his time contributed vastly to that layered cake of science.

Ben is survived by his wife, Michiko and their son, David, and daughter, Sylvia, born in 1969 and 1973, respectively, in Kuala Lumpur, Malaysia, when Ben and Michiko lived there.

ACKNOWLEDGEMENTS

Dr S.H. Sohmer and Ms June Cunningham of the Botanical Research Institute of Texas (BRIT), U.S.A., have been of great assistance with information and notes about Ben Stone.

APPENDIX 1. The plant collections of B.C. Stone.

(compiled with assistance from
June Cunningham and D.A. Madulid)

Ben Stone's plant collections, in all more than 18,000, were mostly of vascular plants, with small numbers of bryophytes, algae, lichens, and fungi. Most of his collections were numbered in his personal series, sometimes marked "BCS". The last number under this

series, according to the collections list that he kept, is 16080, of a *Pandanus* collected on 14th May, 1988 at the Jaya Supermarket premises in Petaling Jaya, Selangor, in Peninsular Malaysia.

Prior to 1965, he had collected mainly in the U.S.A. mainland, in Hawaii, the Society Islands, and the Mariana and Caroline Islands in the Pacific, although in June 1963 he made some collections (BCS 4780-4836) from Gunong (Mount) Panti in Johore, Peninsular Malaysia. His numbers 4837-5512 were from Micronesia. Thereafter, between 1965 and 1984, he collected largely in Malaysia while based at the University of Malaya in Kuala Lumpur, and the first set of these collections is at the University of Malaya Herbarium (KLU). The second (collector's research) set was kept by Ben, but was later lodged at the herbarium of the Academy of Natural Sciences, Philadelphia (PH). This collector's set, as is the set at KLU, is rich in material of the Pandanaceae, Rutaceae, Araliaceae, and Myrsinaceae, as these were families in which Ben specialised. Besides these, there were about 50,000 duplicates distributed (largely through the KLU herbarium), and large sets of these duplicates may be found at the Arnold Arboretum of Harvard University (A), the Bishop Museum in Honolulu (BISH), the Rijksherbarium in Leiden (L), and the Smithsonian Institution (US). However, during this period there were also visits to, and collections from the Philippines, Java, Singapore, Thailand, Cambodia, Hong Kong, Sri Lanka, India, Madagascar, Kenya, Tanzania, Mauritius, and Australia.

Between 1984 and 1989, when Ben was at the Academy of Natural Sciences of Philadelphia, the first set of his collections numbered in his series was lodged there (PH). He collected in the Philippines in March-April 1987 (for the U.S. National Cancer Institute (NCI) Project, Stone numbers 15810-15900); Malaysia in April-May 1987 (also for the NCI Project, numbers 15901-15979), and again in April-May 1988 (numbers 16028-16080); the Marianas in June 1987 (for NCI, numbers 15980-16024); in Pennsylvania in August 1987 (one number, 16025); and Japan in April 1988 (numbers 16026-16027). The holotype specimens among Ben's plant collections are mostly at KLU and PH.

There are three notable instances when Ben Stone's collections were made under other series. He collected numbers 53001-53801 of the LAE series (of the Lae Herbarium, Papua New Guinea), although on each specimen label there is also a Stone number. The first set of these collections is at Lae. He also collected under the SAN series (of the Forest Research Centre, Sandakan, Sabah, Malaysia) when he visited Sabah, using the numbers SAN 85129-85327 while in the Danum Valley, 85501-85600, 86701-86825 and 87051-87100 on Balambangan Island, and 86826-86870 on Gaya Island near Kota Kinabalu. The first set of these Sabah collections is at the Sandakan Herbarium (SAN) of the Forest Research Centre, Sabah. There are no Stone numbers on the labels of these, for although he gave Stone numbers to these collections, the numerical sequence of the SAN numbers is not strictly coordinate with that of the Stone numbers. After he joined the Flora of the Philippines Project, his collections in the Philippines were numbered under the Philippine Plant Inventory (PPI) series. These total 2111 collections, made from 1990 to 1993, as follows: Palawan (PPI 0001-0435), Mindoro (PPI 0491-0874), Bicol (PPI 3710-3912), Mt Canlaon (PPI 6131-6500), Sibuyan (PPI 6678-6986), Baler (PPI 5456-5500, 9774-9848), and Siargao Island (PPI 9336-9500, 12001-12133). The first set of these collections is at the Philippine National Herbarium.

APPENDIX 2. The Writings of B.C. Stone.
(courtesy of the Botanical Research Institute of Texas)

1957 Rediscovery of a rare Lobelioid, *Brighamia insignis* forma *citrina*, in Kauai, Hawaiian Islands. Bull. Torrey Bot. Club 84 (3): 175-177.

1958 (With Irwin Lane). A new *Hedyotis* from Kauai, Hawaiian Islands. Pac. Sci. 12 (2): 139-145.

1959 The flora of Namonuito and the Hall Islands. Pac. Sci 13: 88-104.

1960a Corrections and additions to the flora of the Hall Islands and to the flora of Ponape. Pac. Sci. 14 (4): 408-410.

1960b (With Irwin Lane). On a small collection of Ferns from the New Hebrides and Solomon Islands. Bot. Not. 112: 371-376.

1960c Flora Malesiana: a review. Pac. Sci. 14 (4): 423-424.

1960d Summary of the Dissertation, University of Hawaii. The Wild and Cultivated *Pandanus* of the Marshall Islands. University of Hawaii Graduate School, June 1960. Dupl. in diss. Abst. L.C. card No. Mic.

1960e (With Tetsuo Koyama). The genus *Scirpus* in the Hawaiian Islands. Bot. Mag. Tokyo 73: 288-294. (Partly reprinted in O. & I. Degener, Flora Hawaiiensis, Dec. 28, 1960).

1961a The genus *Sararanga* (Pandanaceae). Brittonia 13 (2): 212-214.

1961b (With D.L. Plucknett). The principal weedy Melastomaceae in Hawaii. Pac. Sci. 15 (2): 301-303.

1961c (With Peter J.R. Hill). The vegetation of Yanagi Islet. Truk, Caroline Islands. Pac. Sci. 15 (4): 561-562.

1961d *Pandanus pistillaris* in the Caroline Islands: an example of long-range oceanic dispersal. Pac. Sci. 15 (4): 610-613.

1961e A note on chromosome number in *Pandanus*. J. Japan. Bot. 36 (8): 279-284.

1961f Studies in Hawaiian Rutaceae III. On the New Caledonian species of *Pelea* and a misunderstood species of *Platydesma*. Adansonia (Paris) n.s. 1,2: 94-99.

1962a *Boerlagiodendron* (Araliaceae) in Eastern Melanesia. Proc. Biol. Soc. Washington DC. 75: 25-32.

1962b (With Albert C. Smith). Studies of Pacific Island Plants XVII. The genus *Geniostoma* (Loganiaceae) in the New Hebrides, Fiji, Samoa, and Tonga. Contrib. U.S. Natl. Herb. 37 (1): 1-41, 3 pls.

1962c Studies in Hawaiian Rutaceae, Taxonomic and nomenclatural notes on *Platydesma* (Hawaii) and new name for a *Melicope* (Solomon Islands). Madrono 16 (5): 161-166.

1962d Studies in the Hawaiian Rutaceae, II. Identity of *Pelea sandwicensis*. Pac. Sci. 16 (4): 366-373.

1962e Two new Asiatic Pandanaceae. J. Arn. Arb. 43: 348-350.

1962f Studies in Hawaiian Rutaceae, VI. A monograph of the genus *Platydesma*. (Rutaceae). J. Arn. Arb. 43: 410-427.

1962g Studies in Hawaiian Rutaceae, V. Rutaceae, genus *Pelea*. In: O. & I. Degener, Flora Hawaiiensis. Privately printed, Honolulu. (unpaged).

1963a *Myrtomera*, a new generic name for *Spermolepis* Brongn. & Gris. (Myrtaceae). Pac. Sci. 16 (2): 241.

1963b The genus *Freycinetia* (Pandanaceae) in the Solomon Islands. Proc. Biol. Soc. Washington DC. 76: 1-8.

1963c The genus *Portulaca* in the Hawaiian Islands. Adv. Front. Plant Sciences (New Delhi) 4: 141-149.

1963d The role of *Pandanus* in the culture of the Marshall Islands. In: J. Barrau, ed., Symposium on Plants and the Migrations of Pacific Peoples. 10th Pacific Science Congress, Honolulu, 1961. B.P. Bishop Museum Press. pp. 61-82.

1963e Studies in the Hawaiian Rutaceae, IV. Pac. Sci. (47): 407-420.

1963f Archipelagic refuge: endemic floras abound in Hawaiian chain. Nat. Hist. Mag. (N.Y.) November 1963: 32-39.

1964a A review of the new botanical names published in Safford's 'Useful Plants of Guam'. Micronesica 1: 123-129.

1964b Additions to the flora of Guam. Micronesica 1: 131-135.

1964c *Ophioglossum pendulum* in the Marshall Islands. Micronesica 1: 155.

1964d (Book review) Miller, Whittier, & Bonner: Bryoflora of the Atolls of Micronesia. Micronesica 1: 164-165.

1964e (Book review) H.L. Li: Woody Flora of Taiwan. Micronesica 1: 165-166.

1964f The Trees of Guam. Guan Times Weekly (8 Aug.) 21-24.

1964g The Ferns of Guam. Guam Times Weekly (5 Dec.) 18-23.

1965a The genus *Freycinetia* (Pandanaceae) in Fiji, Tonga, and Samoa. Proc. Biol. Soc. Washington DC. 78: 81-82.

1965b Melanesian Plant Studies I and II. With Micronesian Supplement. 1: 1-5 (Sept.), II:1. (Oct). Kuala Lumpur.

1965c Notes on the Type Species of *Polyscias* J.R. & G. Forst. (Araliaceae). Taxon 14 (8): 281-285.

1965d On the purpose of a University herbarium. The Malayan Scientist 2: 23-26.

1965e Further additions to the flora of Guam. Micronesica 2 (1): 47-50.

1965f Notes on *Polyscias* (Araliaceae) from Micronesia. Micronesica 2 (1): 51-59.

1965g (With F.R. Fosberg). *Leucaena insularum* in Guam. Micronesica 2 (1): 67-70.

1965h *Pandanus* Stickm. in the Malayan Peninsula, Singapore and Lower Thailand. Malay. Nat. J. 19 (4): 203-213.

1966a Studies in Hawaiian Rutaceae, VIII. *Pelea Saint-Johnii* and *P. kaalaensis*. In: O. & I. Degener, Flora Hawaiiensis 5 Jan. 1966. 2 p.

1966b *Polyscias verticillata* (Araliaceae), a new species from the Solomon Islands. J. Arn. Arb. 47 (3): 270-272.

1966c Phytogeography of Guam (Abstract). In Abstracts (Biology), Proc. 11th Pacific Science Congress, Tokyo, 1966.

1966d Studies in the Hawaiian Rutaceae, VII. A conspectus of species and varieties and some further new taxa in the genus *Pelea* A. Gray. Occas. Pap. B.P. Bishop Mus. 23 (10): 147-162.

1966e *Pandanus* Stickm. in the Malayan Peninsula, Singapore, and lower Thailand. Malay. Nat. J. 19 (5): 291-301.

1966f Cultivated *Pandanus* in Kapingamarangi Atoll. J. Polynes. Soc. 75 (4): 430-436. (actually publ. mid-1967).

1966g Some vernacular names of plants from Kapingamarangi and Nukuoro Atolls, Caroline Islands. Micronesica 2 (2): 131-132.

1966h Further additions to the Flora of Guam, III. Micronesica 2 (2): 133-141.

1967a The flora of Romonum Island, Truk Lagoon, Caroline Islands. Pac. Sci. 21 (1): 98-114.

1967b *Pelea honoluluensis* St. John, and *Pelea peduncularis* Levl. In: O. & I. Degener, Flora Hawaiiensis 6 Jan. 1967.

1967c (With M.S. Doty). Two new species of *Halophila* (Hydrocharitaceae). Brittonia 18 (4): 303-306.

1967d Notes on the plant genus *Pandanus* in Fiji, Tonga, the New Hebrides, and Niue. Proc. Biol. Soc. Washington DC. 80: 47-60.

1967e (With T.K. Newell). *Flagellaria* (*Chortodes*) *plicata* Hook. fil. is a *Joinvillea*. Taxon 16: 192-194.

1967f The Phytogeography of Guam, Marianas Islands. Micronesica 3 (1): 67-73.

1967g (Book review) T.C. Whitmore: Guide to the Forests of the British Solomon Islands. Micronesica 3 (1): 75-79.

1967h Note on an unusual form of *Pandanus odoratissimus* from Ryukyu Is. with copious extra-marginal foliar spines. Bull. Natl. Sci. Mus. Tokyo 10 (1): 37-38.

1967i Identity of the *Pelea* species (Rutaceae) described by H. Leveille. Notes Roy. Bot. Gard. Edinburgh 27 (3): 259-264.

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1967m Notes on the Hawaiian Flora. Pac. Sci. 21 (4): 550-557.

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1967o A new species of *Pandanus* from East Malaysia. The Malayan Scientist 3: 23-25. ("1966-1967").

1967p Materials for a monograph of *Freycinetia* (Pandanaceae) I. Gard. Bull. Singapore 22 (2): 129-152.

1967q Studies of Malesian Pandanaceae, I. Gard. Bull. Singapore 22 (2): 231-257.

1967r The genus *Pandanus* in Micronesia. I. The Marianas Species. Micronesica 3 (2): 105-128.

1968a The genus *Pandanus* in Malaya, Singapore, and lower Thailand. Part 3. Malay. Nat. J. 21 (1): 3-16.

1968b The genus *Pandanus* in Malaya, Singapore, and lower Thailand. Part 4. Malay. Nat. J. 21 (2): 125-141.

1968c Studies of Malesian Pandanaceae, II. Two new species of *Pandanus* Sect. *Fusiforma* St. John. Reinwardtia 7 (4): 411-420.

1968d The correct name for the *Freycinetia* of Tahiti. Taxon 17: 174-176.

1968e Theophrastaceae: a family wrongly attributed to the Hawaiian Flora. Pac. Sci. 22 (3): 425.

1968f Notes on *Pandanus* in the Line Islands. Micronesica 4 (1): 85-93.

1968g Materials for a monograph of *Freycinetia* (Pandanaceae) III. *Freycinetia corneri*, a new species from Malaya. Brittonia 20 (3): 198-202.

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